OOK

Depth 6	Contents 7	Reference to last Measurement 8
96		
91		
87		
18		
—		
50		
00		
257 = 00		

Part 2 final

BR - 151 | 31-8-15

M. A. R. 57 (Rule 116)
Measurement Book
No. B

Serial No. 258114

Name of Work Improvement of road i low lying area of Sudeappa layout reconstruction at 9th main & cross road & 10th cross road in Ward No. 8 under flood relief From ..... To ..... French

Name of Contractor or nature of Agency M/s. KRIDL, Malleshwaram, Bangalore

Date of commencement of work 06-03-2015

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Estimate Cost: Rs. 40.70 lakhs.						
	Job No: 008-15-000012 / AS/02/14-15 dt. 5.9.14						
	AS No. Addl Comm(Y2)						
	TS No. 02/14-15 dtd. 06-08-2014.						
	WO No. RE/STI/KRIDL/WO/162/14-15 dtd. 22-12-2014.						
	Measurement recorded on: 18-06-2015						
1)	Removing AS slab & drain & stacking as directed.					404.09 Sqm	
	Vide Item No 01 & Page 258160					Limited To 403.80 Sqm	
						@ Rs. 50.11/- = Rs.	20234.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
2)	Refixing stone slabs directed.						
	Qty vide Item No. (2)	Rate 258162				363.67	Sqm
				Limited to		363.42	Sqm
				@ Rs	Rs. 70.04/-	= Rs.	25454.00
3)	Providing granite slabs directed & fixed in cutting as complete.	of selected quality complete in all respects including pointing					
	Qty vide Item No(3)	Rate 258163				40.39	Sqm
				Limited to		40.18	Sqm
				@ Rs. 341.44/-		= Rs.	13868/-

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
4)	Earthwork excavation by surface levelled & ... to be levelled
	Qty vide Item No (4) ...
5)	Construction of ... as directed.
	Qty vide Item No. (5) ...

K

Depth 6	Contents 7	Reference to last Measurement 8
os		
-	363.67 Sqm	
7	363.62 Sqm	
4/-	- - = Rs.	25454.00 =
nowly aid		
1 - -	40.39 Sqm	
ea to	40.18 Sea	
44/-	- - = Rs	Rs. 13868/- =

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258115

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
4)	Earthwork excavation by manual means, excavated surface leveled & sides neatly dressed, dipped earth to be leveled as directed & complete. Qty vide Item no (4) of Page 258161	-	-	-	-	1061.62 cum 1061.54 cum - - = Rs.	96103.00 =
				Limited to @ Rs. 90.70/-			
5)	Construction of embankment with approved material as directed Qty vide Item no. (5) of Page 258164	-	-	-	-	272.52 cum 264.05 cum - - = Rs	43917.00 =
				Limited To @ Rs. 166.32/-			

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(14)	Lead for disposal of debris shall be payable at carriage rate by mechanical means as directed.						
	Qty vide Item no (14) of Sch	258162	-	-	-	1061.69	cum
				Limited to		1061.54	cum
				@ Rs. 72.71/-		- do -	₹77185.00
6)	Providing & laying in position PCC of M15 mix 7.5 mm nominal size aggregate in RCC work @ 0.85 cum per MT @ 0.58 cum, Machine mixed, concrete laid in layers not exceeding 150 mm thick as directed.						
	Qty vide Item no (6) of Sch	258165	-	-	-	177.606	cum
				Limited To		171.65	cum
				@ Rs. 4320.82/-		- do -	₹741523.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
7)	Providing & removing propping etc & removal surface as directed.	ce
	Qty vide Item no (7) of Sch	PC
13)	Providing TMT steel including straightening, placing in position as direct	re
	Qty vide Item no (13) of Sch	RC

OOK

Depth 6	Contents 7	Reference to last Measurement 8
...dle ...ars		
..	1061.69	cum
...ed to	1061.54	cum
₹1/-	.. :-Rs	₹1185.00 =
₹.5 mm ...t @ ...n layer		
-	177.406	cum
To	171.65	cum
84/-	.. :-Rs.	₹26523.00 =

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258116

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
1)	Providing & removing propping etc & removal of formwork for vertical ~~surface~~ as directed. ~~Qty~~ vide Item No. (1) of page 258185	certain,	sheeting,	depth,		622.60 Less 600.00 Rs.	Spm Spm
				Limited to			
			@ Rs. 271.08/-			= Rs.	162729.00 =
13)	Providing TMT steel reinforcement for RCC work including straightening, cutting, bending, hooks, Macip ~~Laying~~ placing as directed. ~~Qty~~ vide Item No (13) of page 258166	certain,				23.47 Less 34.81	Qtl Qtl
				Limited to			
			@ Rs. 7459.92/-			- :-Rs.	259367.00 =

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
8)	Bording & laying cement concrete using 20mm dia granite jelly for RCC work laid in 15cm thick layers & well compacted, vibrating, curing etc complete as directed. RCC drain bottom portion						
	6M cm left side	1	62.0	0.9	0.1	8.3	cum
	from 6M to 7M cm 1st main	1	24.0	0.9	0.1	3.3	"
	from 7M to 8M cm	1	24.0	0.9	0.1	3.3	"
	from 8M to 9M cm cross	1	28.0	0.90	0.1	3.4	"
	from in to 2nd cross towards side walls	1	12.0	0.90	0.1	5.6	"
	6M cross left side	2	62.0	0.15	0.6	11.25	"
	from 6M cm to 7M cm	2	24.0	0.15	0.7	5.55	"
	7M cm to 8M cm	2	24.0	0.15	0.7	5.55	"
	8M cm to 9M cm	2	28.0	0.15	0.7	6.4	"

OFC

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	from hanging in towards 2nd road side	
	RCC culvert @ 8M cm & side walls	
	Excavation.	
	Concrete road.	
	7M cm left side 1st cm dead cold	
	1st cross wood	

Contents	Reference to last Measurement
7	8
8.3	cum
3.3	"
3.3	"
3.4	"
5.6	"
11.25	"
5.55	"
5.55	"
6.4	"

C&FC

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258117

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Fem hanging wall in towards 2nd road wall	2	12.00	0.75	0.60	7.56	cum
	Rec culvert @ 9m ch	1	5.50	1.00	0.1	3.00	cum
	& Side walls	2	5.50	0.75	1.00	6.60	cum.
	Rec Slab.	1	5.50	1.00	0.23	5.05	cum.
	Concrete road 9m on left side ch	1	15.80	2.00	0.1	7.11	cum
		1	16.90	5.50	0.1	13.6	"
	9m main left side 1st ch dead cdd	1	26.80	4.00	0.1	16.0	"
	1st ch road	3	30.00	6.00	0.1	21.00	"
		1	12.60	6.00	0.1	11.34	"
					Total	205.35	cum.
					Deduct	200.15	cum

C&FC

@ Rs. 5464.97 - - - = Rs 1293946/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
9)	Vacuum dewatering with vacuum pump & suction mat & compaction with vibro roller as directed.						
	7M cross left side 2nd cross	1	15.80	3.00	–	47.40	Sheet
		1	16.90	5.50	–	92.95	"
	9M main left side 1st cross to 2nd cross 9M main 1st cross road	1	26.80	4.00	–	107.20	
		3	30.0	6.00	–	540.00	
		1	1.60	6.00	–	75.60	"
					Total.	863.15	Sheet
				Deducted to		823.77	Sheet
				@ Rs. 91.80/-		- - Rs.	75620.00
10)	Providing groove cutting in width of 8mm to 10mm & depth 50mm to 75mm						
		11	10mm 4.90		8mm as directed.	53.90	Rm
				Deducted to		52.35	Rm
				@ Rs. 118.80/-		- - Rs.	6219.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .
Date of commencement of work .....

Date	Full description, etc, of work
1	2
11)	Providing & constructing with CC solid block not less than 25 kg/ directed,
	9M cross beautified road right side
	from main road to 1st cross
	1st cross to 2nd cross
	2nd cross to 3rd cross
	3rd to 4th cross
	4th cross to 5th cross
	5th cross to 6th cross

OK

Depth 6	Contents 7	Reference to last Measurement 8
	47.40 Sqm	
	92.95 "	
	107.20	
	540.00	
	75.50 "	
	863.15 Sqm	
	821.77 Sqm	
	- - Ltr 756220	
	53.42 Rm	
	52.35 Rm	
	- - Ltr 6219.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B
258118

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
11)	Providing & constructing ~~load~~ load bearing wall with CC solid blocks ~~not less than 25 kg/sqcm~~ as directed, with Conveyance charges CM 1:4 as per						
	9th CD Kanjiguda road right side	1	20.0	-	0.20	30.00	Sqm.
		1	5.00	-	0.20	1.00	"
	Near main road to 1st CD	1	89.70	-	0.20	17.94	"
	1st CD to 2nd CD	1	28.0	-	0.20	5.60	"
	2nd CD to 3rd CD	1	25.70	-	0.20	5.14	"
	3rd to 4th CD	1	14.00	-	0.20	2.80	"
	4th CD to 5th CD	1	7.20	-	0.20	1.4	"
	5th CD to 6th CD	1	6.20	-	0.20	5.2	"
					Total	73.16	Sqm

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Limited to			71.80	Sqm
			@ Rs. 661.12/-				47512.00
12)	Providing & laying in concrete over mix with d/s for precast slab as directed.	position shall Cost	Reinforced cement aggregate complete & all material				
	9M CC road Left side						
	from 6M to 7M CC		30.0	0.75	-	112.50	Sqm
	7M CC to 8M CC		5.00	0.75	-	3.75	"
	8M CC to 9M CC		24.0	0.90	-	22.2	"
	from 1st CC to Main road		24.0	0.90	-	22.2	"
	from 1st CC to 2nd CC		28.0	0.90	-	25.65	"
			85.0	0.75	-	63.75	"
			22.0	0.75	-	16.50	"

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	2nd CC to 3rd CC	
	3rd CC to 4M CC	
	4M CC to 5M CC	
	5M CC to 6M CC	
	9M Main CC Road	
	Remaining plaster	

MCA CC

18/6/15

K

epth 6	Contents 7	Reference to last Measurement 8
	1.80	SM
	-"-	47612.00 =
	112.50	SM
	1.75	"
	22.2	"
	22.2	"
	25.65	"
	61.75	"
	16.50	"

M. A. R. 57 (Rule 116)
Measurement Book

No. B
258119

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	2nd cm to 3rd cm	1	19.50	0.50	-	17.55	SM
	3rd cm to 4M cm	1	9.00	0.75	-	6.75	"
	4M cm to 5M cm	1	20.0	0.75	-	15.00	"
	5M cm to 6M cm	1	18.50	0.90	-	16.65	"
	9M Main CC cm road	3	30.0	0.7	-	63.0	"
	Levelled stacks	2	28.60	0.7	-	39.80	"
		1	12.00	0.7	-	21.00	"
					Total	264.46	SM
				Limited to		616.50	SM
			@ Rs	1245/-			= 675463/-

RMC & CC

18/6/15

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Total All Amount =		3626522.00
	Add 10% towards KRIDL charges						362652.00
	Add 1% towards labour cess						36265.00
					Total Amount =		4025439.00
	Certificate						
	1) The work is completed satisfactorily.						
	2) The Contractor has cleared the debris from roadspot using his own vehicle.						
	3) There are no departmental issues to this work.						
	18/6/15						
	18/6/15						

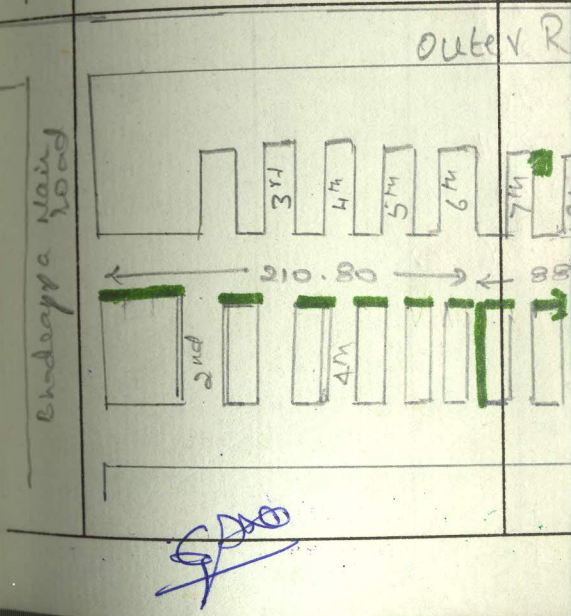
all the works are executed by me, for full satisfaction

Assistant Executive Engine
Byatarayanapura Sub-divisi
KRIDL BBMP, Bangalore

M

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	



MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work done as per MB No. 4023,440=00 Work already measured & paid as per MB No. 601706=00 Balance work executed as per MB No. 3423,734=00 Total executed as per MB No. Srinivasulu. K Ramu			IT - 80509 KSI - 761018 FSD - 261654 LIN - 402154 CSP - 4025 - Roy - 502116 Pen - 4000 601706=00			

Ast & final

Improvements to roads

Serial No. Item of improvements to existing CC road at (

Name of Work ... Ward 8

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Estimate cost: Rs. 10.0 Job No. 008-15 - 0 PCode: P1271 (14-15 TS No. ASNP/EE/ATP/ WO No. EE/ATP/ASNP/ Contract price: Rs. 9 MEASUREM 1) Earthwork excavation by coil, excavated materials shifted as directed. Qty vide Item No. (1)